

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

APR 28 2004

Sheet 1 of 1

Complete if Known

Application Number	10/690235
Filing Date	October 21, 2003
First Named Inventor	Haycock, Matthew
Group Art Unit	2819
Examiner Name	Chang, Daniel

Attorney Docket No: 884.509US2

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
DC	US-4,280,221	07/21/1981	Chun, R. K., et al.	375	288	05/31/1979
DC	US-4,477,896	10/16/1984	Aker, E. M.	370	201	10/02/1981
DC	US-5,179,577	01/12/1993	Ilyadis, N.	375	317	06/06/1991
DC	US-5,347,177	09/13/1994	Lipp, Robert J.	326	30	01/14/1993
DC	US-5,818,884	10/06/1998	Reymond, W.	375	354	03/27/1995
DC	US-6,529,037	03/04/2003	Haycock, M. B., et al.	326	30	09/13/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
---------------------	---------------------	------------------	---	-------	----------	----------------

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
---------------------	----------------------	---	----------------

EXAMINER

Daniel D. Chang

DATE CONSIDERED

6/3/04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Under the Patent Information Act of 1980, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 10/31/2002. OMB 6010-0011
 US Patent & Trademark Office U.S. DEPARTMENT OF COMMERCE

Complete if Known	
Applicant Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Haycock, Matthew
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 2 of 3

Attorney Docket No: 884.509US2

OC	US-5,977,796	11/01/1999	Gabara	626	86	
OC	US-6,107,856	08/22/2000	Bitting, R.F.	327	307	12/30/1997
OC	US-6,226,331	05/01/2001	Gambuzza, M.J.	375	258	09/23/1999
OC	US-6,256,234	07/03/2001	Keeth, B., et al.	365	189.05	05/23/2000
OC	US-6,037,811	03/14/2000	Ozqur, I. H.	327	108	06/15/1998
OC	US-6,040,714	03/21/2000	Klein, D. A.	326	86	12/12/1997
OC	US-6,087,847	07/11/2000	Mooney, S. R., et al.	326	30	07/29/1997
OC	US-6,087,853	07/11/2000	Huber, C. A., et al.	326	83	06/22/1998
OC	US-6,107,856	08/22/2000	Bitting, Ricky F.	327	307	12/30/1997
OC	US-6,118,310	09/12/2000	Esch Jr., G. L.	327	108	11/04/1998
OC	US-6,121,764	09/19/2000	Stockstad, T. L.	323	315	05/17/1999
OC	US-6,133,749	10/17/2000	Hansen, P. R., et al.	326	30	01/04/1999
OC	US-6,150,806	11/21/2000	Canard, D., et al.	323	315	08/18/1999
OC	US-6,157,206	12/05/2000	Taylor, G. F., et al.	326	30	12/31/1998
OC	US-6,188,237	02/13/2001	Suzuki, A., et al.	326	30	05/21/1999
OC	US-6,226,331	05/01/2001	Gambuzza, Michael J.	375	258	09/23/1999
OC	US-6,256,234	07/03/2001	Keeth, Brent, et al.	365	189.05	05/23/2000
OC	US-6,329,843	12/01/2001	Hirata, et al.	326	82	10/10/2000
OC	US-6,366,867	04/01/2000	Sine, et al.	326	27	08/22/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
OC	EP-1014615	06/28/2000	Doblar, Drew G.	H04L	5/14	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OC		COMER, D. T., et al., "A CMOS Voltage to Current Converter For Low Voltage Applications", This information is directly from Donald T. Comer's web site. http://www.ee.bvu.edu/faculty/comerd/publications.html , (Feb. 11, 1997), 13 p.	
OC		FARJAD-RAD, R., et al., "A 0.4-um CMOS 10-Gb/s 4-PAM Pre-Emphasis Serial Link Transmitter", IEEE Journal of Solid-State Circuits, 34 (5), (May 1999), pp. 580-585	
OC		FILANOVSKY, I. M., "Voltage Reference Using Mutual Compensation of Mobility and Threshold Voltage Temperature Effects", ISCAS 2000- IEEE International Symposium on Circuits and Systems, (May 2000), pp. V197-V200	
OC		HAYCOCK, MATTHEW, et al., "A 2.5Gb/s Bidirectional Signaling Technology", Hot Interconnects Symposium V, (Aug. 1997), pp. 1-8	
		HOROWITZ, PAUL, et al., "The Art of Electronics, Second Edition", Cambridge University Press, Comparators and Schmitt Trigger, (1989), 231-232	
OC		LEE, SEUNG-HOON, "A Temperature and Supply-Voltage Insensitive CMOS	

EXAMINER

Paul D. Ch...

DATE CONSIDERED

2/19/04

date is on next pg pg 3 of 3

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it carries a valid OMB control number.
 PTO/USPSA/10411
 Approved for use through 10/14/2002, OMB 551-0001
 US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

Complete if Known	
Application Number	Unknown
Filing Date	Even Date Herewith
First Named Inventor	Haycock, Matthew
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 3 of 3

Attorney Docket No: 884.509US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
DC		Current Reference*, IEICE Trans. Electron, Vol. E82-C, (Aug. 1999), pp. 1562-1566	

EXAMINER

Paul D. Gray

DATE CONSIDERED

2/19/04

* EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 800. Other line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached